

Scott E. Van Bramer
Interim Dean, College of Arts and Sciences
Professor of Chemistry
Distinguished University Professor (2014-2017)
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Goals

- To challenge students to develop critical thinking and communication skills
- To actively participate in the development of Widener University's academic community
- To help undergraduate students learn to solve problems in general, analytical and environmental chemistry
- To encourage independent research projects to provide learning opportunities beyond the classroom

Education

- University of Colorado, Ph.D. in Analytical Chemistry, July 1992. *Photodissociation-Photoionization Mass Spectrometry: Structural Information from Neutral Unimolecular Fragmentation.*
- The Colorado College, Bachelor of Arts with distinction in Chemistry, June 1987.

Teaching, Research, and Administrative Experience:

Widener University – 1994 to present

- Interim Dean, College of Arts and Sciences – July 2017 to present
- Distinguished University Professor (2014-2017)
- Chair of Chemistry – 2004 to 2012
- Professor of Chemistry – 2004
- Associate Professor of Chemistry – 1998
- Assistant Professor of Chemistry – 1994

NMR Concepts – 1995 to 2000

- Teaching Faculty - Computer applications in NMR Spectroscopy

Lock Haven University – 1992 to 1994

- Assistant Professor of Chemistry.

The University of Delaware, Newark – 1989 to 1992

- Graduate Research Assistant

The University of Colorado, Boulder – 1987 to 1989

- Chemistry teaching assistant
- Graduate research assistant.

The Colorado College – 1985 to 1986.

- Undergraduate research on atmospheric chemistry with NCAR and NASA.

Select Leadership Accomplishments

Widener University Faculty Chair – 2013 to 2017. I served two terms as Faculty Chair, during that time I worked with faculty governance and the University administration to improve communication and make faculty governance more engaged in setting University policy. I worked to mentor new faculty council committee chairs and develop a shared sense of faculty responsibility for the ongoing operation of the University.

During this time, we worked to update and revise both the Faculty Handbook and the Faculty Council Bylaws. We worked together to clarify new processes that made faculty governance much more active. When I stepped down after four years, there had been a significant shift in the culture around faculty governance at Widener. Faculty meetings were restructured to engage faculty in discussions of major issues. Although much of this work was done by committees the Executive Committee coordinated this work and helped to resolve many conflicts. I played a significant leadership role in the work of the Executive Committee to set this agenda and I am very proud of the work we did over these 4 years. Just one example is the revisions to the Faculty Handbook, which included:

- Complete reorganization and updating of language
- Clarified the role of faculty governance in setting University policy
- Clarified the process for hiring and review of tenure track faculty.
- Clarified the process for faculty review when there is not agreement.
- Adding non-tenure-track faculty as a category with extended term contracts and paths to promotion.
- Updated language for promotion and extended term appointments for library faculty
- Revised the language for promotion of tenure track faculty to clearly and broadly define teaching, scholarship, and academic citizenship
- Revised the policy for extension of the tenure probationary period

Faculty Council Academic Affairs Chair – 2010 to 2012. As a member of the Faculty Council Academic Affairs Committee and then as chair of the committee I led a major revision of the University's Academic Integrity Policy. This revision required working with faculty and administrators from across the University to develop a clear procedure that met the needs of the different academic units but provided clarity and consistency. As a result of these changes Widener University now has a robust culture around academic integrity.

Chemistry Chair – 2004 to 2012. As chair of the chemistry department I oversaw an almost complete overturn in the department faculty and a major revision of the curriculum. During the eight years I served as chair 9 new full time faculty either started at Widener and/or received tenure and promotion. During that time, every faculty member who came up for tenure was successful. We also developed a culture focused on innovative teaching informed by assessment of student learning.

Grants and Awards

- Philadelphia Section ACS Award for Excellence in Undergraduate Teaching, 2017
- Faculty Institutional Leadership Award, 2016

- Distinguished University Professor, 2014-2017
- Fitz Dixon Innovation in Teaching Award, 2014
- Van Bramer, S.E.; Widener University Provost Grant “NMR and critical thinking” 2012.
- Van Bramer, S.E.; Bastin, L.; Bhat, K.; Fischer-Drowos, S. Widener University Faculty Development Grant “Using NMR to Develop and Assess Critical Thinking Skills” 2010.
- Van Bramer, S.E.; Bastin, L.; Bhat, K.; Fischer-Drowos, S. Widener University Faculty Development Grant “Using NMR to Develop and Assess Critical Thinking Skills” 2009.
- Van Bramer, S.E.; Martin, A. Widener University Faculty Development Grant “Revision of Chemistry 145 and Chemistry 147”. 2004.
- Madigosky, S.R.; Van Bramer, S.E. "Experimental Laboratory Approaches to Teach Environmental Science," National Science Foundation Instrumentation and Laboratory Improvement Program. 1994.
- Van Bramer, S.E. "Pesticide Analysis," Lock Haven University Small Campus Research Grant. 1992.
- Van Bramer, S.E. "The Analysis of Pesticides in Surface Water," Pennsylvania State System of Higher Education, Faculty Professional Development Grant. 1992.
- ACS-PRF Summer Faculty Research Fellowship, 2000 with Cecil Dybowski.
- ACS-PRF Summer Faculty Research Fellowship, 1999 with Cecil Dybowski.
- American Chemical Society Analytical Division Summer Fellowship, 1991.
- Tomas Hirschfeld Student Award, 1991.
- Colorado Doctoral Fellowship, 1988-89 and 1987-88.
- Otis A. and Margaret Barns Departmental Service Award, 1987.
- Honors in Chemistry, 1987.
- Analytical Chemistry Award, 1986.

Workshops

- Association of American Colleges and Universities, 2014 Institute on High-Impact Practices and Student Success, June 17-21, Vanderbilt University, Nashville, TN
- Project Kaleidoscope, F21 Leadership Institute, June 12-17, 2004 , Baca Campus of The Colorado Campus in Crestone, CO.
- NSF Undergraduate Faculty Enhancement Program *Intermediate and Advanced Interpretation of 1D and Basic Interpretation of 2D NMR Spectra*. August 1996, Kingston, Rhode Island.
- NSF Undergraduate Faculty Enhancement Program *Theoretical and Practical Aspects of Two-Dimensional (2D) NMR*. August 1995, Kingston, Rhode Island.
- NSF Undergraduate Faculty Enhancement Program *NMR Concepts and Operating Techniques*. July 1994, Kingston, Rhode Island.

University Service

Faculty Council

- Faculty Chair; 2013-2017
- Faculty Council Executive Committee; 1997-1999, 2010-2012, 2013-2017
- Faculty Council; 1997-1999, 2001-2005, 2009-2012, 2013-2017
- Faculty Council Academic Affairs Committee; A&S Representative; 2009-2010, chair 2010-2012
- Faculty Council Promotion Tenure and Academic Freedom Committee; A&S rep 2002-2005
- Faculty Council Academic Computing Committee; A&S representative; 1995-1996, chair 1997-1999, A&S representative 2002-2004
- Faculty Council Instructional Media Committee; A&S representative; 1996-1998

University

- Provost Search Committee; 2017
- CIO Search Committee; 2016
- Presidential Search Committee; 2015
- Provost Council; 2013-2017
- University Academic Review Board; 2010-2012, 2013-2016
- University Strategic Planning Steering Committee; 2013-2017
- University Strategic Planning Go Team on Rigorous Academics and High Impact Practices; chair 2013-2014
- Middle States Steering Committee; 2015-2017
- Middle States Working Group III, Design and Delivery of the Student Learning Experience, co-chair 2015-2016
- University General Education Task Force; Science representative; 2006-2009, Chair 2009-2012
- University Task Force on Assessment of Student Learning (TASL); 2005-2007
- University High Impact Coordinating Group; 2014-2016
- Middle States Self-Study Sub-committee on Institutional Resources; 2004-2005
- Strategic Planning Committee Technological Task Force; 2003
- Instructional Technology Council; 1998-2003
- Academic Computer Users Advisory Committee on Academic Computing Needs; 1996

College of Arts and Science

- A&S General Education Committee; Chair 2006-2009, At large representative 2009-2011, science rep 2013-2015
- A&S College Secretary; 1995-1997
- A&S Curriculum and Planning Committee; 1995-1997, 2009-2010

Science Division

- Science General Education Committee; chair 2011-2013
- Science Course Evaluation Revision; chair 2010-2011
- Science Division Promotion and Tenure Committee; 1999-2001, 2004-2005, 2007-2009
- Science Division Curriculum and Planning Committee; 1995-1997, 2002-2004

PROFESSIONAL SERVICE:

- ACS Committee on Computers in Chemical Education 1997-2013, Chair 2005-2010
- Moderator for online discussion for CCCE Newsletter 2004-2009
- ACS Exams Institute – Laboratory Exam Committee – 2008-2012
- Delaware Valley Mass Spectrometry Discussion Group – 1998-2017, webmaster, executive committee, hosted meetings from 2001-2004
- External Evaluator, Indian University of Pa NSF Grant “Student Construction of Mental Models: A Framework for the Evaluation of Inductive Teaching Methods in Chemistry” 2009-2011
- National Science Foundation CCLI Review Panel 2008
- Online Chemistry Course (OLCC), Chemical Safety: Protecting Ourselves And Our Environment, Organizing Committee, web site manager, Fall 2004
- Review manuscripts for Journal of Chemical Education, Concepts in Magnetic Resonance, Applied Spectroscopy

PUBLICATIONS:

Saha, Dipendu; Van Bramer, Scott E.; Orkoulas, Gerassimos; Ho, Hoi-Chun; Chen, Jihua; Henley, Dale K. CO₂ capture in lignin-derived and nitrogen-doped hierarchical porous carbons. *Carbon*, **2017**, *121*, 257-266. DOI: 10.1016/j.carbon.2017.05.088. (peer reviewed publication)

Saha, Dipendu; Barakat, Soukaina; Van Bramer, Scott; Nelson, Karl; Hensley, Dale; Chen, Jihua. Non-Competitive and Competitive Adsorption of Heavy Metals in Sulfur-functionalized Ordered Mesoporous Carbon. *ACS Appl. Mater. Interfaces*, **2016**, *8*(49), 34132-34142. DOI: 10.1021/acsami.6b12190. (peer reviewed publication)

Van Bramer, S.E.; Goodrich, K, R. Determination of Plant Volatiles Using Solid Phase Microextraction GC-MS. *J. Chem. Educ.*, **2015**, *92*(5), 916-919. DOI: 10.1021/ed5006807 (peer reviewed publication)

Van Bramer, S.E.; Bastin, L.D. Using a Progressive Paper to Develop Students Writing Skills. *J. Chem. Educ.*, **2013**, *90*(6), 745-750. DOI: 10.1021/ed300312q (peer reviewed publication)

Glatfelter, A.; Bai, S.; Dmitrenko, O; Perry, D.L.; Van Bramer, S.E.; Dybowski, C. Solid-state ²⁰⁷Pb nuclear magnetic resonance studies of adducts of 1,10-phenanthroline with lead(II) halides. *Can. J. Chem.*, **2011**, *89*, 863-869. DOI: 10.1139/v10-176 (peer reviewed publication)

Van Bramer, S.E.; Martin, A. Implementing POGIL in a Multiple Section Laboratory Course. In *ACS Symposium Series 994: Process-Oriented Guided Inquiry Learning*, Moog, R.S.; Spencer, J.N. Eds; American Chemical Society: Washington, DC, 2008, pp200-212. (Peer reviewed chapter by invitation from editor in ACS Symposium Series book).

Dmitrenko, Olga; Bai, Shi; Beckmann, Peter; van Bramer, Scott; Vega, Alexander; Dybowski, Cecil. The Relationship Between ²⁰⁷Pb NMR Chemical Shift and Solid State Structure in Pb(II) compounds. *Phys. Chem. A*, **2008**, *112*, 3046-3052. (peer reviewed publication)

Van Bramer, S.E. A Brief Introduction to the Gaussian Distribution, Sample Statistics, and the Student's t Statistics. *J. Chem. Educ.* **2007**, *84*, 1231-1232. (peer reviewed publication)

Van Bramer, S.E.; Glatfelter, A.; Bai, S.; Dybowski, C.; Neue, G.; Perry, D.L. Solid-state ²⁰⁷Pb NMR studies of lead-group 16 and mixed transition-metal/lead-group 16 element-containing materials. *Magn. Reson. Chem.* **2006**, *44*: 357 -365. (peer reviewed publication by invitation from editor for special edition of journal)

Dybowski, Cesil; Bai, Shi; Van Bramer, Scott. Solid-State Nuclear Magnetic Resonance. *Anal. Chem.*, **2004**, *76*(12), 3263-3268. (not reviewed, published in peer reviewed journal by invitation from editor)

S.E. Van Bramer, A. Glatfelter, S. Bai, C. Dybowski, and G. Neue. Data Acquisition and Analysis of Broad Chemical-Shift Powder Patterns from Solids with Spin Echo Techniques. *Concepts in Magnetic Resonance*, **2002**, *14*, 365-387. (peer reviewed publication)

Scott Van Bramer An Introduction to NMR Concepts. *J. Chem. Educ.*, **2002**, *79*, 528. (peer reviewed publication)

Dybowski, Cecil.; Bai, Shi; Van Bramer, Scott. Solid-State Nuclear Magnetic Resonance. *Anal. Chem.*, **2002**, *74*, 2713-2718. (not reviewed, published in peer reviewed journal by invitation from editor)

Tissue, Brian M.; Van Bramer, Scott E.; Rosenthal, Donald. Electronic Chemistry Conferences: 7 Years of CONFICHEM. *J. Chem. Inf. Comput. Sci.*, **2002**, *42* (1), 23 -25. (peer reviewed publication)

Van Bramer, Scott E. Teaching Chemistry in the New Century: Analytical Chemistry. *J. Chem. Educ.*, **2001**, *78*, 1167. (not reviewed, published in peer reviewed journal by invitation from editor)

Van Bramer, S.E. Chemical Shifts in Nuclear Magnetic Resonance, General. In *Encyclopedia of Analytical Chemistry*; Meyers, R. A. , Dybowski, C., Eds.; Wiley: New York, **2000**; pp 12023-12040. (peer reviewed and by invitation from editor)

Van Bramer, S. E. An Introduction to the Fourier Transform: IntroFourierTransform.mcd and LectureIntroFT.mcd. *J. Chem. Educ.*, **1999**, *76*, 286. (peer reviewed publication)

Van Bramer, S.E. Software Review: gNMR. *Concepts in Magnetic Resonance*, **1998**, *10*, 195-196. (not reviewed, published in peer reviewed journal by invitation from editor)

Van Bramer, S.E. Using Mathcad to Teach Instrumental Techniques. *J. Chem. Educ.*, **1998**, *75*, 375. (peer reviewed publication)

Van Bramer, S.E. Software Review: ACD/CNMR and ACD/HNMR Spectrum Prediction Software. *Concepts in Magnetic Resonance*, **1997**, *9*, 271-273. (not reviewed, published in peer reviewed journal by invitation from editor)

Van Bramer, S.E. Software Review: SpecTool. *Concepts in Magnetic Resonance*, **1997**, *9*, 115-116. (not reviewed, published in peer reviewed journal by invitation from editor)

Van Bramer, S.E. Software Review: C-13 NMR Module. *Concepts in Magnetic Resonance*, **1997**, *9*, 61-62. (not reviewed, published in peer reviewed journal by invitation from editor)

Van Bramer, S.E. Software Review: NUTS Data Processing Software. *Concepts in Magnetic Resonance*, **1996**, *8*, 295-296. (not reviewed, published in peer reviewed journal by invitation from editor)

Van Bramer, S.E. Software Review: Problem Solving in NMR Spectroscopy. *Concepts in Magnetic Resonance*, **1996**, *8*, 75. (not reviewed, published in peer reviewed journal by invitation from editor)

Johnston, M.V, Ross, P.L.; Van Bramer, S.E. Photodissociation-Photoionization of Nitroalkanes: Secondary Fragmentation of Alkyl Radicals. *Appl. Spectrosc.*, **1996**, *50*, 121-126. (peer reviewed publication)

Van Bramer, S.E. Review of Lotus-123 Release 4 for Windows. *J. Chem. Inf. Comput. Sci.*, **1994**, *34*, 1022-1023. (peer reviewed publication)

Van Bramer, S.E. Photodissociation-Photoionization Mass Spectrometry: Structural Information from Neutral Unimolecular Fragmentation. Ph.D. Dissertation, University of Colorado, **1992**.

Van Bramer, S.E.; Johnston, M.V. Structural Identification of Alkene Isomers by Photodissociation-Photoionization Mass Spectrometry. *Org. Mass Spectrom.* **1992**, *27*, 949-954. (peer reviewed publication)

Van Bramer, S.E.; Ross, P.L.; Johnston, M.V. Unimolecular Photochemistry of *n*-Alkenes Studied by Photodissociation Photoionization Mass Spectrometry. *J. Am. Soc. Mass Spectrom.*, **1992**, *4*, 65-72. (peer reviewed publication)

Van Bramer, S.E.; Johnston, M.V. Laser Mass Spectrometry Using Coherent, Tunable, Vacuum Ultraviolet Photoionization. *Appl. Spectrosc.* **1992**, *46*, 255-261. (peer reviewed publication)

Van Bramer, S.E.; Johnston, M.V. Photodissociation-Photoionization Mass Spectrometry of *n*-Octene Isomers. *Anal. Chem.*, **1990**, *62*, 2639-2643. DOI: 10.1021/ac00222a023 (peer reviewed publication)

Van Bramer, S.E.; Johnston, M.V. 10.5 eV Photoionization Mass Spectrometry of Aliphatic Compounds. *J. Am. Soc. Mass Spectrom.*, **1990**, *1*, 419-426. (peer reviewed publication)

Huebert, B.J.; Van Bramer, S.E.; LeBel, P.J.; Vay, S.A.; Torres, A.L.; Schiff, H.I.; Hastie, D.; Hubler, G.; Bradshaw, J.D.; Carroll, M.A.; Davis, D.D.; Ridley, B.A.; Rodgers, M.O.; Sandholm, S.T.; Dorris, S. Measurements of the Nitric Acid to NO_x Ratio in the Troposphere. *J. Geophys. Res.*, **1990**, *95*, 10,193-10,198. (peer reviewed publication)

LeBel, P.J.; Huebert, B.J.; Schiff, H.I.; Vay, S.A.; Van Bramer, S.E.; Hastie, D.R. Measurements of Tropospheric Nitric Acid over the Western United States and Northeastern Pacific Ocean. *J. Geophys. Res.*, **1990**, *95*, 10,199-10,204. (peer reviewed publication)

Gregory, G.L.; Hoell, Jr. J.M.; Huebert, B.J.; Van Bramer, S.E.; LeBel, P.J.; Vay, S.A.; Marinaro, R.M.; Schiff, H.I.; Hastie, D.R.; Mackay, G.I.; Karecki, D.R. An Intercomparison of Airborne Nitric Acid Measurements. *J. Geophys. Res.*, **1990**, *95*, 10,089-10,102. (peer reviewed publication)

Huebert, B.J.; Van Bramer, S.E.; Tschudy, K.L. Liquid Cloudwater Collection Using Modified Mohnen Slotted Rods. *J. Atmospheric Chemistry*, **1987**, *6*, 251-263. (peer reviewed publication)

Van Bramer, S.E. An Improved Method for Ammonia Measurements With Oxalic Acid Impregnated Filters. BA Thesis with Distinction in Chemistry, The Colorado College, **1987**.

PRESENTATIONS AT NATIONAL MEETINGS:

Sha, Dipendu; Barakat, S.; Van Bramer, S.E. Adsorption of Heavy-Metals in Sulfur-Functionalized and Highly Ordered Mesoporous Carbons. AICHE 2016 Annual Meeting, San Francisco, CA, November 13-18, 2016.

Van Bramer S.E. Application of “learning how to learn” in the chemistry curriculum learning through feedback. Biennial Conference on Chemical Education, Greeley, CO, August 2, 2016.

Van Bramer, S.E; Bastin, L Advanced Synthesis and Spectroscopy – Lessons learned from designing a capstone course. Biennial Conference on Chemical Education, Grand Valley, MI, August 3, 2014.

Van Bramer, S.E.; Martin, A.; Liable-Sands, L. So you want to revise your laboratory course. What Next. Biennial Conference on Chemical Education, State College, PA. August 1, 2012.

Van Bramer, S.E.; Bastin L. The Assessment of Student Writing. Biennial Conference on Chemical Education, State College, PA. July 31, 2012.

Van Bramer, S.E. Using a laboratory practical to assess student learning in general chemistry. Biennial Conference on Chemical Education, State College, PA. July 31, 2012.

Van Bramer, S.E.; Rose, K.C.; Utell, J.M. Assessing Critical Thinking and Effective Communication across the General Education Curriculum: Best Practices and Next Steps. AAC&U General Education and Assessment: New Contexts, New Cultures, New Orleans, LA, February 24, 2012.

Van Bramer, S.E. Teaching acid base equilibrium in general chemistry without the Henderson-Hasselbalch equation. American Chemical Society National Meeting, Boston, MA, August 23, 2010.

Bingham, R.; Chamany, K.; McConaughay, K.; Morrison-Shetlar, A; Seifert, K.; Van Bramer, S.E. A Kaleidoscope of Perspectives on Institutional Transformation-STEM & Beyond. AAC&U National Meeting, Washington DC, January 22, 2010.

Van Bramer, S.E.; Martin, A.E.; Liable-Sands, L. M.; Kul, I. Revising a POGIL general chemistry laboratory to improve student outcomes. American Chemical Society National Meeting, Philadelphia, PA. August 19, 2008.

Van Bramer, S.E. Supporting non-tenure track faculty at Widener University. American Chemical Society National Meeting, Philadelphia, PA. August 20, 2008.

Van Bramer, S.E. Donald Rosenthal and the Committee on Computers in Chemical Education: A retrospective. American Chemical Society National Meeting, Boston, MA. August 21, 2007.

Van Bramer, S.E. POGIL as a model for general education in chemistry. American Chemical Society National Meeting, Boston, MA. August 23, 2007.

Cecil Dybowski; Shi Bai; Scott van Bramer; Peter Beckmann; Alexander J. Vega. 207Pb Chemical Shielding in PbMoO₄: Effects of Temperature and Lattice Expansion. 2007 ENC, Daytona Beach, FL. April 22-27, 2007.

Van Bramer, S.E. Mathcad for Teaching Statistics. American Chemical Society National Meeting, Washington, DC. August 28, 2005.

Trammell G.; Lee, D.; Rosenthal, D.; Van Bramer, S. Teaching an On-Line Chemistry Course: Chemical Safety: Protecting Ourselves and Our Environment. American Chemical Society National Meeting, San Diego, CA. March 2005.

Van Bramer, S.E.; Rosenthal, D.; Trammell, G. Online chemistry course (OLCC): Chemical safety: Protecting ourselves and our environment. Biennial Conference on Chemical Education, Ames IA., July 17-22, 2004.

Van Bramer, S.E Using Technology in the Chemistry Classroom. Biennial Conference on Chemical Education, Ames IA, July 17-22, 2004

Van Bramer, S.E. Tools for Processing and Interpreting Spectral Data. Fall 2004 ConfChem Teaching Computing in Chemistry Courses
<http://www.ched-ccce.org/confchem/2004/b/index.html>, September 17 - October 22, 2004

Van Bramer, S.E. Safety Information on the Web. Using Computers in Chemical Education Fall 2004 Newsletter, www.eclipse.net/~pankuch/Newsletter/Pages_NewsF04/F2004_News.html .

Van Bramer, S.E. Developing Web Pages for Teaching Part III - Advanced HTML Features. Using Computers in Chemical Education Spring 2003 Newsletter
www.eclipse.net/~pankuch/Newsletter/Pages_NewsS03/S2003_News.html

Van Bramer, S.E. Developing Web Pages for Teaching Part II - Creating Web Pages. Using Computers in Chemical Education Fall 2002 Newsletter
www.eclipse.net/~pankuch/Newsletter/Pages_NewsF02/Fall_2002_NewsletterCCE.html

Van Bramer, S.E.; Glatfelter, A.; Bai, S.; Dybowski, C.; Neue, G. Analysis of Distorted Lead-207 Chemical Shift Powder Patterns. Experimental NMR Conference, Asilomar, April 14, 2002.

Van Bramer, S.E. Developing Web Pages for Teaching Part I – Introduction. Using Computers in Chemical Education Spring 2002 Newsletter
www.eclipse.net/~pankuch/Newsletter/Pages_NewsS02/Spring_2002_NewsletterCCE.html

May, Brent D.; Van Bramer, S.; Bradley, M. Dust Explosions: Surface Area and Reaction Rate. Spring 2001 CONFICHEM Lecture Demonstrations in Chemistry on the World Wide Web
<http://www.ched-ccce.org/confchem/2001/a/index.html>

Van Bramer, S.E.; Rosenthal, D.; Tissue, B. Electronic chemistry conferences: Seven years of CONFICHEM. 221st American Chemical Society National Meeting, San Diego, CA April 1, 2001

Van Bramer, S.E. Technology in the classroom at Widener University. 221st American Chemical Society National Meeting, San Diego, CA April 2, 2001

Van Bramer, S.E. Web-assisted learning in the traditional classroom. 221st American Chemical Society National Meeting, San Diego, CA April 4, 2001

Perry, D.L.; Martinez, D.I.; Dybowski, C.; Bai, S.; Glatfelter, A.; Van Bramer, S.E.; Neue, G. Solid-state lead-207 NMR studies of lead-sulfur and lead-selenium systems. 221st American Chemical Society National Meeting, San Diego, CA April 1 and 2, 2001

Glatfelter, A.; Dybowski, C.R.; Neue, G.; Van Bramer, S.E.; Perry, D.L. "Analysis of Solid-State 207Pb Powder Patterns," 42nd Rocky Mountain Conference on Analytical Chemistry, Denver, CO August 2000.

Glatfelter, A.; Dybowski, C.R.; Neue, G.; Van Bramer, S.E.; Perry, D.L. Analysis of Solid-State 207Pb Powder Patterns. 41st Experimental Nuclear Magnetic Resonance Conference, Pacific Grove, California, April 9-14, 2000.

Van Bramer, S.E. Using Mathcad in General Chemistry. 216th American Chemical Society National Meeting, Boston, MA, August 26, 1998.

Van Bramer, S.E. Rewards and Challenges of Using Technology in the Classroom. 216th American Chemical Society National Meeting, Boston, MA, August 25, 1998.

Van Bramer, S.E. Using a Web Browser as a Presentation Manager. 15th BCCE, Waterloo Ontario, August 12, 1998.

Van Bramer, S.E. Software for NMR Interpretation. NSF Faculty Enhancement Workshop, Kingston, RI, July 29, 1998.

Van Bramer, S.E. Software for NMR Concepts. NSF Faculty Enhancement Workshop, Kingston RI, July 8 and 14, 1998.

Van Bramer, S.E. Software for NMR Interpretation. NSF Faculty Enhancement Workshop, Kingston, RI, July 1, 1997.

Van Bramer, S.E. Software for NMR Concepts. NSF Faculty Enhancement Workshop, Kingston RI, June 17, 1997.

Van Bramer, S.E. Using Netscape as a presentation manager. ChemConf-97 Summer On-Line Conference on Chemical Education. Sponsored by Division of Chemical Education of the American Chemical Society.

Van Bramer, S.E. Software for Teaching NMR Interpretation. NSF Faculty Enhancement Workshop, Kingston, RI, August 5, 1996.

Van Bramer, S.E. Software for Teaching NMR Concepts. NSF Faculty Enhancement Workshop, Kingston RI, July 17, 1996.

Van Bramer, S.E. Software for Teaching NMR. NSF Faculty Enhancement Workshop, Kingston RI, July 27, 1995.

Ross, P.L.; Van Bramer, S.E.; Johnston, M.V. Photodissociation-Photoionization Mass Spectrometry. FACSS XIX, Philadelphia, Pennsylvania, 1992.

Van Bramer, S.E.; Ross, P.L.; Johnston, M.V. Neutral Unimolecular Fragmentation Patterns of Organic Compounds Studied by Photodissociation Photoionization Mass Spectrometry. ASMS Conference on Mass Spectrometry, Washington, DC, 1992.

Van Bramer, S.E.; Johnston, M.V. Tunable Photodissociation-Photoionization Mass Spectrometry. FACSS XVIII, Anaheim, California, 1991.

Van Bramer, S.E.; Johnston, M.V. Photodissociation Photoionization Mass Spectrometry of Alkenes. 39th ASMS Conference on Mass Spectrometry, Nashville, Tennessee, 1991.

Van Bramer, S.E.; Johnston, M.V. Tunable Coherent Vacuum Ultraviolet Photoionization of Aliphatic Compounds. 39th ASMS Conference on Mass Spectrometry, Nashville, Tennessee, 1991.

Johnston, M.V.; Van Bramer, S.E.; McKeown, P.J.; Mowry, C.D. Photoionization with Coherent Vacuum Ultraviolet Radiation: Principles and Applications. 39th ASMS Conference on Mass Spectrometry, Nashville, Tennessee, 1991.

Van Bramer, S.E.; Johnston, M.V. 10.5 eV Photoionization of Aliphatic Compounds. 38th ASMS conference on Mass Spectrometry and Allied Topics, Tucson, Arizona, 1990.

Johnston, M.V.; Van Bramer, S.E. Applications of Coherent Vacuum Ultraviolet Radiation to Ion Chemistry and Chemical Analysis. FACSS XVII, Cincinnati, Ohio, 1990.

Van Bramer, S.E.; Johnston, M.V. 10.e eV Photoionization Mass Spectroscopy. Laser Applications to Chemical Analysis, Incline Village, Nevada, 1990.

Hubler, G.; Carroll, M.A.; Fahey, D.W.; Bradshaw, J.D.; Davis, D.D.; Rodgers, M.O.; Sandholm, S.T.; Gandrud, G.W.; Ridley, B.A.; Shetter, J.D.; Gregory, G.L.; LaBel, P.; Hastie, D.R.; Schiff, H.I.; Harris, G.W.; Karecki, D.; Huebert, B.J.; Singh, H.G.; Torres, A.L.; Van Bramer, S.E. Airborne Measurements of Reactive Odd Nitrogen During NASA's GTE/CITE 2 Project. Quadrennial Ozone Symposium, Gottingen, 1988.

Hubler, G.; Bradshaw, J.D.; Van Bramer, S.E.; Carroll, M.A.; Davis, D.D.; Fahey, D.W.; Ganrude, B.W.; Hastie, D.R.; Harris, G.W.; Huebert, B.J.; Karecki, D.; LaBel, P.; Ridley, B.A.; Rodgers, M.O.; Sandholm, S.T.; Schiff, H.I.; Shetter, J.D.; Singh, H.B. The Partitioning of Reactive Odd Nitrogen Observed During the NASA GTE-CITE II Project. AGU Fall Meeting, San Francisco, California, 1987.

Huebert, B.J.; Van Bramer, S.E.; LaBell, P.J.; Schiff, H.I.; Hastie, D.; Torres, A.; Ridley, B.; Carroll, M.A.; Davis, D.D.; Bradshaw, J.; Sandholm, S.; Rodgers, M.; Dorris, S. Measurement of HNO₃/NO_x Partitioning during the GTE/Cite-2 Project. AGU Fall Meeting, San Francisco, California, 1987.

PRESENTATIONS AT LOCAL AND REGIONAL MEETINGS:

Van Bramer, S.E. “Increasing Student Learning Through Focused Feedback,” Widener University President’s Lecture, Chester, PA October 27, 2014.

Van Bramer, S.E. and Bastin L. “Developing Departmental Expectations for Student Writing,” Bridge Week Faculty Development Program, Widener University, Chester, PA May 12, 2014.

Van Bramer, S.E. and Bastin L. “Using a Progressive Paper in a Writing Enriched Course,” Bridge Week Faculty Development Program, Widener University, Chester, PA May 12, 2014.

Van Bramer, S.E. “So you want to revise your laboratory course: What next?,” Middle Atlantic Regional Meeting of the American Chemical Society, Baltimore, MD, June 2, 2012.

Van Bramer, S.E. “Myths, Misconceptions and Components of General Education Requirements,” Bridge Week Faculty Development Program, Widener University, Chester, PA May 9, 2012.

Van Bramer, S.E. “An Interdisciplinary Conversation about Formative & Summative Assessment,” Bridge Week Faculty Development Program, Widener University, Chester, PA May 9, 2012.

Van Bramer, S.E.; Rose, K; Pervizpour, M; Mills, S; Richardson, E. “Sharing Best Practices: Identifying Critical Thinking in Student Work,” Bridge Week Faculty Development Program, Widener University, Chester, PA May 9, 2011.

Van Bramer, S.E. and Graybill, M. “The New Academic Integrity Policy: Addressing Implications,” Bridge Week Faculty Development Program, Widener University, Chester, PA May 9, 2011.

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